

=====

Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: Wed Oct 03 08:56:40 EDT 2007

=====

Reviewer Comments:

<221> MISC_FEATURE

<222> (3)..(3)

<223> Xaa = arginal, hemisulfate

Xaa can only represent single amino acid, the given response for 'Xaa' is not valid.

Please check for the subsequent errors throught-out the sequence listing.

Application No: 10713679 Version No: 2.0

Input Set:

Output Set:

Started: 2007-09-20 17:08:34.188
Finished: 2007-09-20 17:08:37.524
Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 336 ms
Total Warnings: 108
Total Errors: 224
No. of SeqIDs Defined: 108
Actual SeqID Count: 108

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
E 257	Invalid sequence data feature in <221> in SEQ ID (1)
E 257	Invalid sequence data feature in <221> in SEQ ID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
E 257	Invalid sequence data feature in <221> in SEQ ID (2)
E 257	Invalid sequence data feature in <221> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
E 257	Invalid sequence data feature in <221> in SEQ ID (3)
E 257	Invalid sequence data feature in <221> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
E 257	Invalid sequence data feature in <221> in SEQ ID (4)
E 257	Invalid sequence data feature in <221> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
E 257	Invalid sequence data feature in <221> in SEQ ID (5)
E 257	Invalid sequence data feature in <221> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
E 257	Invalid sequence data feature in <221> in SEQ ID (6)
E 257	Invalid sequence data feature in <221> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
E 257	Invalid sequence data feature in <221> in SEQ ID (7)

Input Set:

Output Set:

Started: 2007-09-20 17:08:34.188
Finished: 2007-09-20 17:08:37.524
Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 336 ms
Total Warnings: 108
Total Errors: 224
No. of SeqIDs Defined: 108
Actual SeqID Count: 108

Error code	Error Description
E 257	Invalid sequence data feature in <221> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
E 257	Invalid sequence data feature in <221> in SEQ ID (8)
E 257	Invalid sequence data feature in <221> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
E 257	Invalid sequence data feature in <221> in SEQ ID (9)
E 257	Invalid sequence data feature in <221> in SEQ ID (9)
E 257	Invalid sequence data feature in <221> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
E 257	Invalid sequence data feature in <221> in SEQ ID (10) This error has occurred more than 20 times, will not be displayed
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
W 213	Artificial or Unknown found in <213> in SEQ ID (16)
W 213	Artificial or Unknown found in <213> in SEQ ID (17)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20) This error has occurred more than 20 times, will not be displayed

SEQUENCE LISTING

<110> Faustman, Denise

<120> Screening Methods to Identify Treatments for Autoimmune Disease

<130> 00786/428002

<140> 10713679

<141> 2007-09-20

<150> US 60/426,590

<151> 2002-11-15

<160> 108

<170> PatentIn version 3.3

<210> 1

<211> 3

<212> PRT

<213> Artificial

<220>

<223> synthetic

<220>

<221> MOD_RES

<222> (1)..(1)

<223> Leu is Z-Leu

<220>

<221> MOD_RES

<222> (3)..(3)

<223> Tyr is Tyr-CH2F

<400> 1

Leu Leu Tyr

1

<210> 2

<211> 3

<212> PRT

<213> Artificial

<220>

<223> synthetic

<220>

<221> MOD_RES

<222> (1)..(1)

<223> Val is Z-Val

<220>
<221> MOD_RES
<222> (3)..(3)
<223> Asp is Asp(OMe)-CH2F

<400> 2

Val Ala Asp
1

<210> 3
<211> 19
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (1)..(1)
<223> ACETYLATION

<220>
<221> MOD_RES
<222> (19)..(19)
<223> Asp is Asp-CHO

<400> 3

Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Pro
1 5 10 15

Val Ala Asp

<210> 4
<211> 3
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (1)..(1)
<223> ACETYLATION

<220>
<221> MOD_RES

<222> (3)..(3)
<223> Asp is Asp-CHO

<400> 4

Val Ala Asp
1

<210> 5
<211> 2
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Val is Z-Val

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Lys is Lys-linker-(Biotin)-Asp(OMe)-CH2F

<400> 5

Val Lys
1

<210> 6
<211> 3
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Val is Z-Val

<220>
<221> MOD_RES
<222> (3)..(3)
<223> Asp is Asp-CH2F

<400> 6

Val Ala Asp
1

<210> 7
<211> 3
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (1)..(1)
<223> ACETYLTATION

<220>
<221> MOD_RES
<222> (3)..(3)
<223> Asp is Asp-CMK

<400> 7

Val Ala Asp
1

<210> 8
<211> 5
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (1)..(1)
<223> ACETYLTATION

<220>
<221> MOD_RES
<222> (5)..(5)
<223> Asp is Asp-CHO

<400> 8

Val Asp Val Ala Asp
1 5

<210> 9
<211> 4
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Ala is Z-Ala

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Glu is Glu-(OMe)

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Asp is Asp(OMe)-CH₂F

<400> 9

Ala Glu Val Asp
1

<210> 10
<211> 4
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (1)..(1)
<223> ACETYLATION

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Asp is Asp-CHO

<400> 10

Ala Glu Val Asp
1

<210> 11
<211> 3
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (1)..(1)
<223> V is DAcF56V

<220>
<221> MOD_RES
<222> (3)..(3)
<223> D is D-FMK

<400> 11

Val Ala Asp
1

<210> 12
<211> 4
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (1)..(1)
<223> ACETYLTATION

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Asp is Asp-CHO

<400> 12

Tyr Val Ala Asp
1

<210> 13
<211> 20
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (1)..(1)
<223> ACETYLTATION

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Asp is Asp-CHO

<400> 13

Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Pro
1 5 10 15

Tyr Val Ala Asp
20

<210> 14
<211> 4
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (1)..(1)
<223> ACETYLATION

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Asp is Asp-CMK

<400> 14

Tyr Val Ala Asp
1

<210> 15
<211> 4
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Tyr is Biotin-Tyr

<220>
<221> MOD_RES
<222> (4)..(4)

<223> Asp is Asp-CMK

<400> 15

Tyr Val Ala Asp

1

<210> 16

<211> 4

<212> PRT

<213> Artificial

<220>

<223> synthetic

<220>

<221> MOD_RES

<222> (1)..(1)

<223> Tyr is Biotin-Tyr

<220>

<221> MOD_RES

<222> (4)..(4)

<223> Asp is Asp-Fluoroacyloxymethylketone

<400> 16

Tyr Val Ala Asp

1

<210> 17

<211> 4

<212> PRT

<213> Artificial

<220>

<223> synthetic

<220>

<221> MOD_RES

<222> (1)..(1)

<223> ACETYLATION

<400> 17

Tyr Val Ala Asp

1

<210> 18

<211> 4

<212> PRT

<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Tyr is Z-Tyr

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Asp is Asp(OMe)-CH₂F

<400> 18

Tyr Val Ala Asp
1

<210> 19
<211> 4
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (1)..(1)
<223> ACETYLATION

<220>
<221> MOD_RES
<222> (3)..(3)
<223> Lys is Lys(biotinyl)

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Asp is Asp-2,6,-Dimethyl-benzoyloxymethylketone

<400> 19

Tyr Val Lys Asp
1

<210> 20
<211> 4
<212> PRT
<213> Artificial

<220>

<223> synthetic

<220>

<221> MOD_RES

<222> (1)..(1)

<223> ACETYLATION

<220>

<221> MOD_RES

<222> (4)..(4)

<223> Asp is Asp-CHO

<400> 20

Trp Glu His Asp

1

<210> 21

<211> 5

<212> PRT

<213> Artificial

<220>

<223> synthetic

<220>

<221> MOD_RES

<222> (1)..(1)

<223> Val is Z-Val

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Asp is Asp-(OMe)

<220>

<221> MOD_RES

<222> (5)..(5)

<223> Asp is Asp(OMe)-CH₂F

<400> 21

Val Asp Val Ala Asp

1 5

<210> 22

<211> 5

<212> PRT

<213> Artificial

<220>

<223> synthetic

<220>
<221> MOD_RES
<222> (1)..(1)
<223> ACETYLATION

<220>
<221> MOD_RES
<222> (5)..(5)
<223> Asp is Asp-CHO

<400> 22

Leu Asp Glu Ser Asp
1 5

<210> 23
<211> 4
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (1)..(1)
<223> ACETYLATION

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Asp is Asp-CHO

<400> 23

Asp Glu Val Asp
1

<210> 24
<211> 4
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Asp is Biotin-Asp

<220>

<221> MOD_RES
<222> (4)..(4)
<223> Asp is Asp-CHO

<400> 24

Asp Glu Val Asp
1

<210> 25
<211> 20
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (1)..(1)
<223> ACETYLATION

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Asp is Asp-CHO

<400> 25

Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Pro
1 5 10 15

Asp Glu Val Asp
20

<210> 26
<211> 4
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Asp is Z-Asp(OCH3)

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Glu is Glu(OCH3)

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Asp is Asp(OCH3)-PMK

<400> 26

Asp Glu Val Asp
1

<210> 27
<211> 4
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Asp is Biotin-linker-Asp(OMe)

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Glu is Glu(OMe)

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Asp is Asp(OMe)-CH2F

<400> 27

Asp Glu Val Asp
1

<210> 28
<211> 4
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (1)..(1)
<223> ACETYLTATION

<220>

<221> MOD_RES
<222> (4)..(4)
<223> Asp is Asp-CMK

<400> 28

Asp Glu Val Asp
1

<210> 29
<211> 4
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (1)..(1)
<223> ACETYLATION

<220>
<221> MISC_FEATURE
<222> (3)..(3)
<223> Xaa = Gin

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Asp is Asp-CHO

<400> 29

Asp Met Xaa Asp
1

<210> 30
<211> 4
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Asp is Z-Asp(OMe)

<220>
<221> MISC_FEATURE
<222> (2)..(2)

<223> Xaa =Gin

<220>

<221> MOD_RES

<222> (4)..(4)

<223> Asp is Asp(OMe)CH₂F

<400> 30

Asp Xaa Met Asp

1

<210> 31

<211> 4

<212> PRT

<213> Artificial

<220>

<223> synthetic

<220>

<221> MOD_RES

<222> (1)..(1)

<223> ACETYLTATION

<220>

<221> MOD_RES

<222> (4)..(4)

<223> Asp is Asp-CHO

<400> 31

Glu Ser Met Asp

1

<210> 32

<211> 4

<212> PRT

<213> Artificial

<220>

<223> synthetic

<220>

<221> MOD_RES

<222> (1)..(1)

<223> ACETYLTATION

<220>

<221> MOD_RES

<222> (4)..(4)

<223> Asp is Asp-CHO

<400> 32

Leu Glu Val Asp

1

<210> 33

<211> 20

<212> PRT

<213> Artificial

<220>

<223> synthetic

<220>

<221> MOD_RES

<222> (1)..(1)

<223> ACETYLTATION

<220>

<221> MOD_RES

<222> (20)..(20)

<223> Asp is Asp-CHO

<400> 33

Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Pro

1

5

10

15

Leu Glu Val Asp

20

<210> 34

<211> 4

<212> PRT

<213> Artificial

<220>

<223> synthetic

<220>

<221> MOD_RES

<222> (1)..(1)

<223> Trp is Z-Trp

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Glu is Glu(OMe)

<220>

<221> MOD_RES

<222> (4)..(4)

<223> Asp is Asp(OMe)-CH₂F

<400> 34

Trp Glu His Asp

1

<210> 35

<211> 4

<212> PRT

<213> Artificial

<220>

<223> synthetic

<220>

<221> MOD_RES

<222> (1)..(1)

<223> Trp is Z-Trp

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Glu is Glu(OMe)

<220>

<221> MOD_RES

<222> (4)..(4)

<223> Asp is Asp(OMe)CH₂F

<400> 35

Trp Glu Ile Asp

1

<210> 36

<211> 4

<212> PRT

<213> Artificial

<220>

<223> synthetic

<220>

<221> MOD_RES

<222> (1)..(1)

<223> ACETYLATION

<220>

<221> MOD_RES

<222> (4)..(4)

<223> Asp is Asp-CHO

<400> 36

Val Glu Ile Asp

1

<210> 37

<211> 20

<212> PRT

<213> Artificial

<220>

<223> synthetic

<220>

<221> MOD_RES

<222> (1)..(1)

<223> ACETYLTATION

<220>

<221> MOD_RES

<222> (20)..(20)

<223> Asp is Asp-CHO

<400> 37

Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Pro

1

5

10

15

Leu Glu Ile Asp

20

<210> 38

<211> 20

<212> PRT

<213> Artificial

<220>

<223> synthetic

<220>

<221> MOD_RES

<222> (1)..(1)

<223> ACETYLTATION

<220>

<221> MOD_RES

<222> (20)..(20)

<223> Asp is Asp-CHO

<400> 38

Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Pro

Ile Glu Thr Asp
20

<210> 39
<211> 4
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Ile is Z-Ile

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Glu is Glu(OMe)

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Asp is Asp(OMe)

<400> 39

Ile Glu Thr Asp
1

<210> 40
<211> 4
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Leu is Z-Leu

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Glu is Glu(OMe)

<220>

<221> MOD_RES
<222> (4)..(4)
<223> Asp is Asp(OMe)-CH2F

<400> 40

Leu Glu His Asp
1

<210> 41
<211> 20
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (1)..(1)
<223> ACETYLATION

<220>
<221> MOD_RES
<222> (20)..(20)
<223> Asp is Asp-CHO

<400> 41

Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Pro
1 5 10 15

Leu Glu His Asp
20

<210> 42
<211> 4
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (1)..(1)
<223> ACETYLATION

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Asp is Asp-CMK

<400> 42

Leu Glu His Asp

1

<210> 43

<211> 4

<212> PRT

<213> Artificial

<220>

<223> synthetic

<220>

<221> MOD_RES

<222> (1)..(1)

<223> ACETYLATION

<220>

<221> MOD_RES

<222> (4)..(4)

<223> Asp is Asp(CHO)

<400> 43

Leu Glu Glu Asp

1

<210> 44

<211> 4

<212> PRT

<213> Artificial

<220>

<223> synthetic

<220>

<221> MOD_RES

<222> (1)..(1)

<223> Leu is Z-Leu

<220>

<221> MOD_RES

<222> (2)..(2)

<223> Glu is Glu(OMe)

<220>

<221> MOD_RES

<222> (3)..(3)

<223> Glu is Glu(OMe)

<220>

<221> MOD_RES
<222> (4)..(4)
<223> Asp is Asp(OMe)-FMK

<400> 44

Leu Glu Glu Asp
1

<210> 45
<211> 2
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Phe is Z-Phe

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Ala is Ala-FMK

<400> 45

Phe Ala
1

<210> 46
<211> 4
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Ala is Z-Ala

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Asp is Asp(OMe)CH₂F

<400> 46

Ala Ser Thr Asp

1

<210> 47
<211> 3
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Ala is Z-Ala

<220>
<221> MOD_RES
<222> (3)..(3)
<223> Asp is Asp-CH₂Cl

<400> 47

Ala Ala Asp
1

<210> 48
<211> 4
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (1)..(1)
<223> ACETYLATION

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Asp is Asp-CHO

<400> 48

Ile Glu Thr Asp
1

<210> 49
<211> 4
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (1)..(1)
<223> ACETYLATION

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Asp is Asp-CHO

<400> 49

Ile Glu Pro Asp
1

<210> 50
<211> 4
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (1)..(1)
<223> Ala is Z-Ala

<220>
<221> MOD_RES
<222> (2)..(2)
<223> Glu is Glu(OMe)

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Asp is Asp(OMe)-CH₂F

<400> 50

Ala Glu Val Asp
1

<210> 51
<211> 4
<212> PRT
<213> Artificial

<220>

<223> synthetic

<220>

<221> MOD_RES

<222> (1)..(1)

<223> ACETYLATION

<220>

<221> MOD_RES

<222> (4)..(4)

<223> Asp is Asp-CHO

<400> 51

Ala Glu Val Asp

1

<210> 52

<211> 3

<212> PRT

<213> Artificial

<220>

<223> synthetic

<220>

<221> MOD_RES

<222> (1)..(1)

<223> ACETYLATION

<220>

<221> MISC_FEATURE

<222> (3)..(3)

<223> Xaa = arginal, hemisulfate

<400> 52

Leu Leu Xaa

1

<210> 53

<211> 3

<212> PRT

<213> Artificial

<220>

<223> synthetic

<220>

<221> MOD_RES

<222> (3)..(3)

<223> Asp is Asp-AFC

<400> 53

Val Ala Asp

1

<210> 54

<211> 7

<212> PRT

<213> Artificial

<220>

<223> synthetic

<220>

<221> MOD_RES

<222> (1)..(1)

<223> Asn is H-Asn

<400> 54

Asn Glu Ala Tyr Val His Asp

1 5

<210> 55

<211> 7

<212> PRT

<213> Artificial

<220>

<223> synthetic

<220>

<221> MOD_RES

<222> (1)..(1)

<223> Tyr is Dabcy1-Tyr

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Val is Val-EDANS

<400> 55

Tyr Val Ala Asp Ala Pro Val

1 5

<210> 56

<211> 4

<212> PRT

<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (1)..(1)
<223> ACETYLATION

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Asp is Asp-AMC

<400> 56

Tyr Val Ala Asp
1

<210> 57
<211> 4
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (1)..(1)
<223> ACETYLATION

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Asp is Asp-pNA

<400> 57

Tyr Val Ala Asp
1

<210> 58
<211> 7
<212> PRT
<213> Artificial

<220>
<223> synthetic

<220>
<221> MOD_RES
<222> (1)..(1)

<223> Tyr is MCA-Tyr

<220>

<221> MOD_RES

<222> (7)..(7)

<223> Lys is Lys(DNP)-OH

<400> 58

Tyr Val Ala Asp Ala Pro Lys

1 5

<210> 59

<211> 4

<212> PRT

<213> Artificial

<220>

<223> synthetic

<220>

<221> MOD_RES

<222> (1)..(1)

<223> Tyr is Z-Tyr

<220>

<221> MOD_RES

<222> (4)..(4)

<223> Asp is Asp-AFC

<400> 59